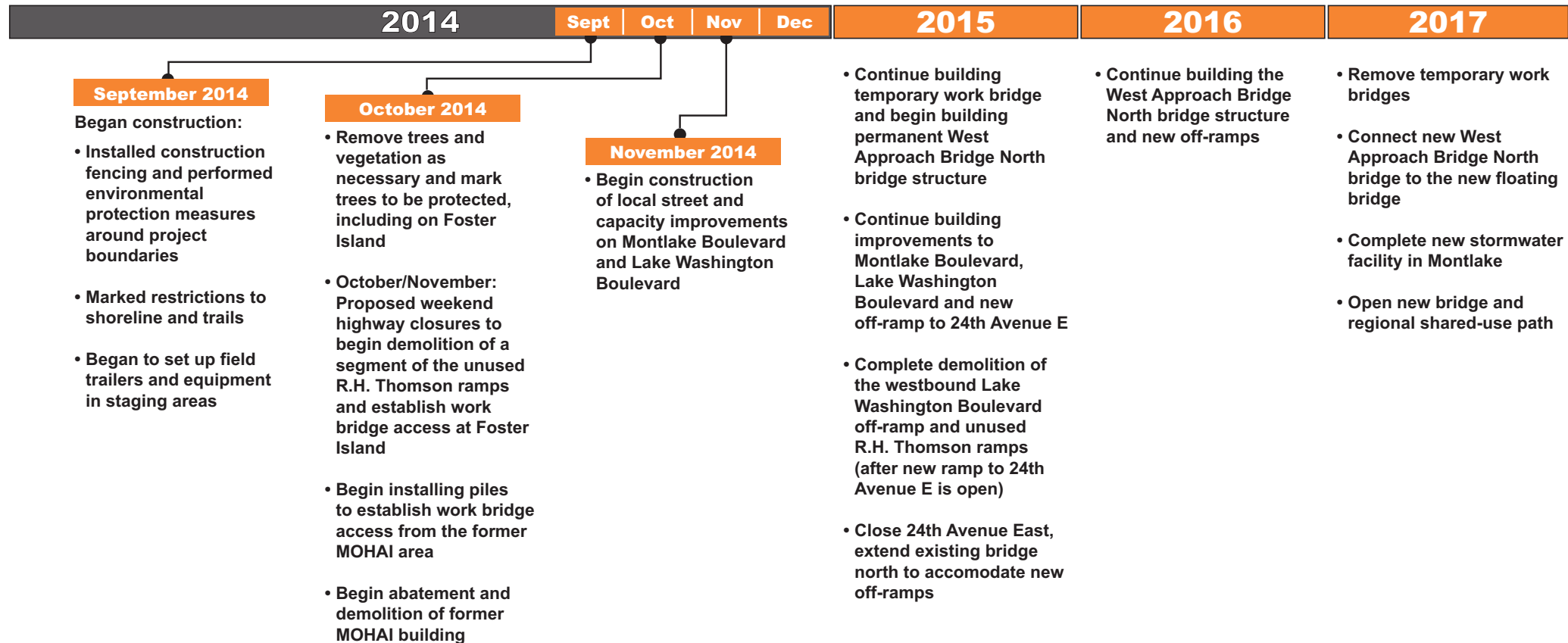
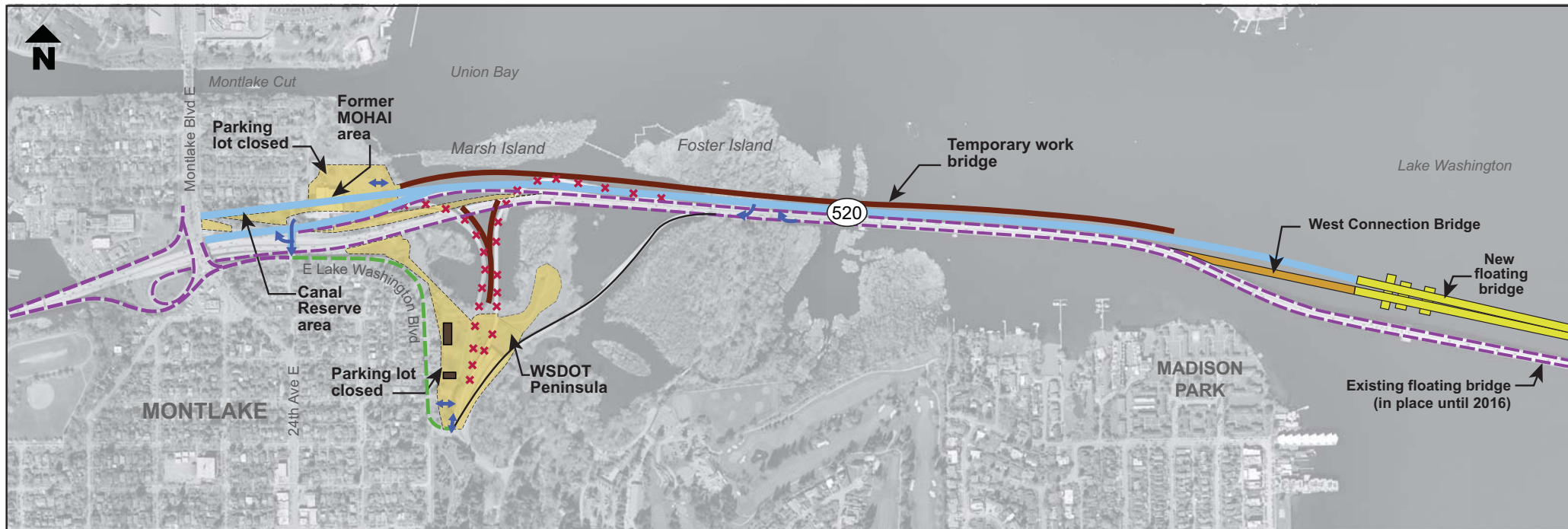


## Anticipated project schedule for West Approach Bridge North (WABN)



**Note:** Ongoing highway and ramp closures to continue as needed through 2017. All work is dependent on plans and schedule as determined by the contractor. This information is approximate and subject to change.

## West Approach Bridge North Project construction overview



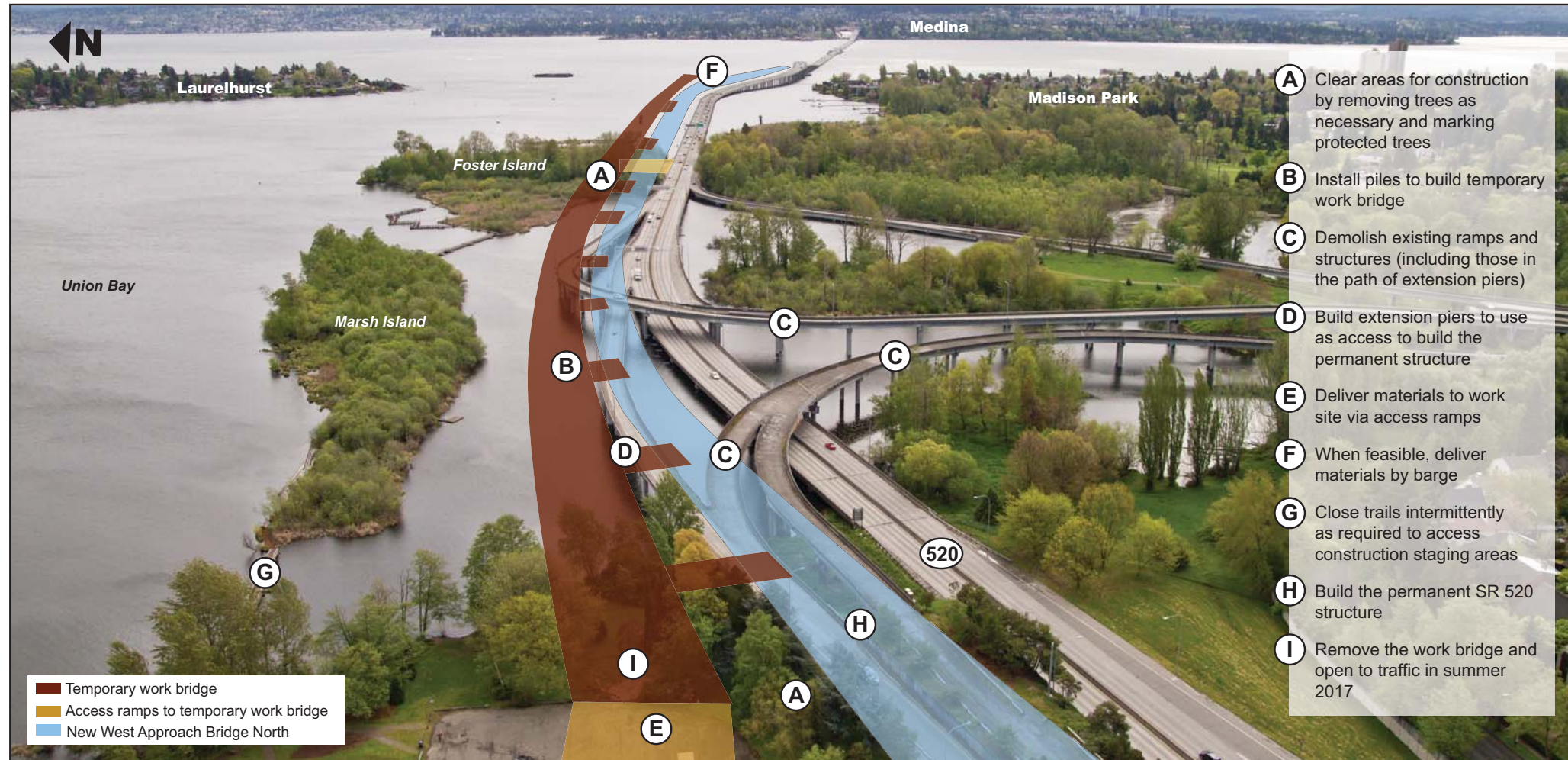
### LEGEND:

- Staging areas (includes tree and vegetation removal)
- Primary haul route
- Secondary haul route
- Project field office

- Temporary work bridge
- New floating bridge
- New WABN
- West Connection Bridge

- Contractor access point
- Ramp removal

## Steps for building new West Approach Bridge North



**Note:** For illustration purposes, not to scale



## Work bridges are necessary to build the new west approach

### What is a work bridge?

To build the new structure over shallow water the contractor will install a temporary work bridge. The work bridge provides the platform to store materials and equipment and build the new permanent bridge. It will be removed when the project is complete.

### How will the contractor access the work bridge?

The contractor will deliver materials and equipment from the staging area at the former MOHAI site and from the SR 520 highway at Foster Island. This will require intermittent westbound nighttime single-lane closures.

### How will piles be installed?

Piles will be vibrated and/or impact driven into the lakebed. Pile installation methods will be determined by the contractor.

### Pile installation is allowed to occur during the following seasons and times:

- To help protect fish migration, pile installation will occur between the fall and the spring.
- Typical hours of installation will occur between 8 a.m. and 5 p.m. on weekdays and 9 a.m. to 5 p.m. on weekends.

Pile installation activities create noise and vibrations. Nearby residents and park users may hear and feel construction activities. WSDOT conducted pre-construction inspections of front-line homes to enable timely resolution if an issue occurs during construction. Nearby residents and users will also receive notifications prior to noisy work.



*Pile installation on the West Connection Bridge.*



*Example of a work bridge. The design of the WABN work bridges are dependent on the contractor and may look different than above.*

# Construction activities overview



Crews are installing high-visibility fencing to protect environmentally sensitive areas.



Crews will demolish the former MOHAI building and clear vegetation for a construction staging area.



Example of a work bridge. The design of the WABN work bridges are dependent on the contractor and may look different than above.



Crews are installing temporary project field offices to house project staff.



Crews will set up heavy machinery to use for demolition and construction.



Crews will set up detours for cyclists and pedestrians to travel around construction.



### Construction hours and closures

- WSDOT will provide the public with advance notice of highway closures and lane closures on local streets.
- Highway closures will be limited to nights and weekends to keep weekday traffic flowing.
- Closures will be scheduled to avoid conflicts with local special events such as Opening Day of Boating, Seafair activities, and UW football games and graduation.
- Montlake Boulevard and other local streets will remain open during daytime construction hours and will have nighttime lane closures.
- One navigation channel on Lake Washington will remain open throughout construction.



### Construction hours:

- **7 a.m. to 10 p.m.**  
Monday through Friday
- **9 a.m. to 10 p.m.**  
Saturday and Sunday
- Typical hours of pile installation will occur between 8 a.m. and 5 p.m. on weekdays, and 9 a.m. to 5 p.m. on weekends.
- **After 10 p.m.:** Nighttime construction work is necessary to complete the project as efficiently as possible and to help keep daytime traffic flowing.

Our contractor will follow city requirements regarding nighttime work and implement best management practices to limit construction impacts on the community.

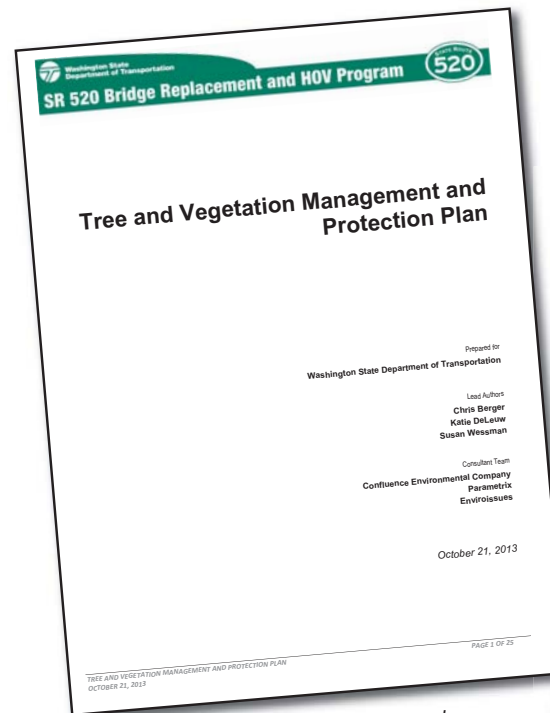
# Tree and vegetation protection and removal

WSDOT worked closely with the city of Seattle during the project design to minimize tree removal and ensure protection of the remaining vegetation. Starting this month, crews will begin to remove trees and vegetation only within the project's limits as necessary to allow room to build the project.

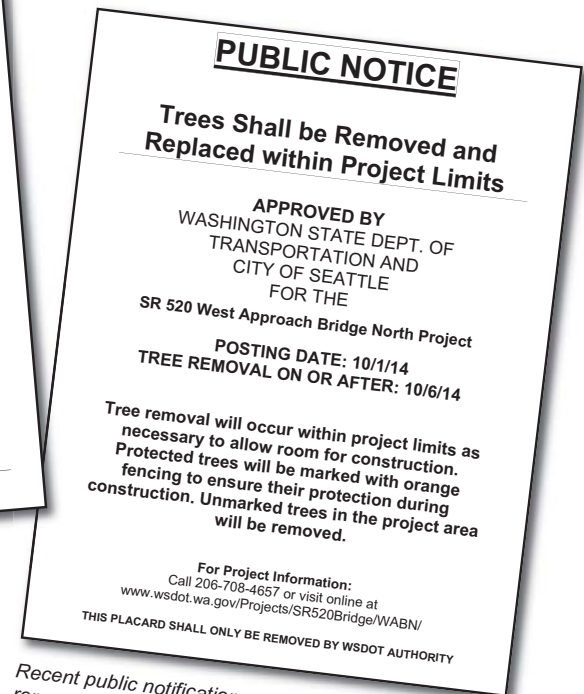
Removal will include the following locations:

- In the Montlake area including the former MOHAI area, Old Canal Reserve area, and along the north side of East Lake Washington Boulevard between 24th Avenue East and Montlake Blvd East
- WSDOT Peninsula
- A portion of Foster Island north of the existing SR 520 highway

All work will adhere to WSDOT, federal, state and local regulatory requirements. After construction is complete, areas will be replanted to create a well-balanced and integrated landscape.

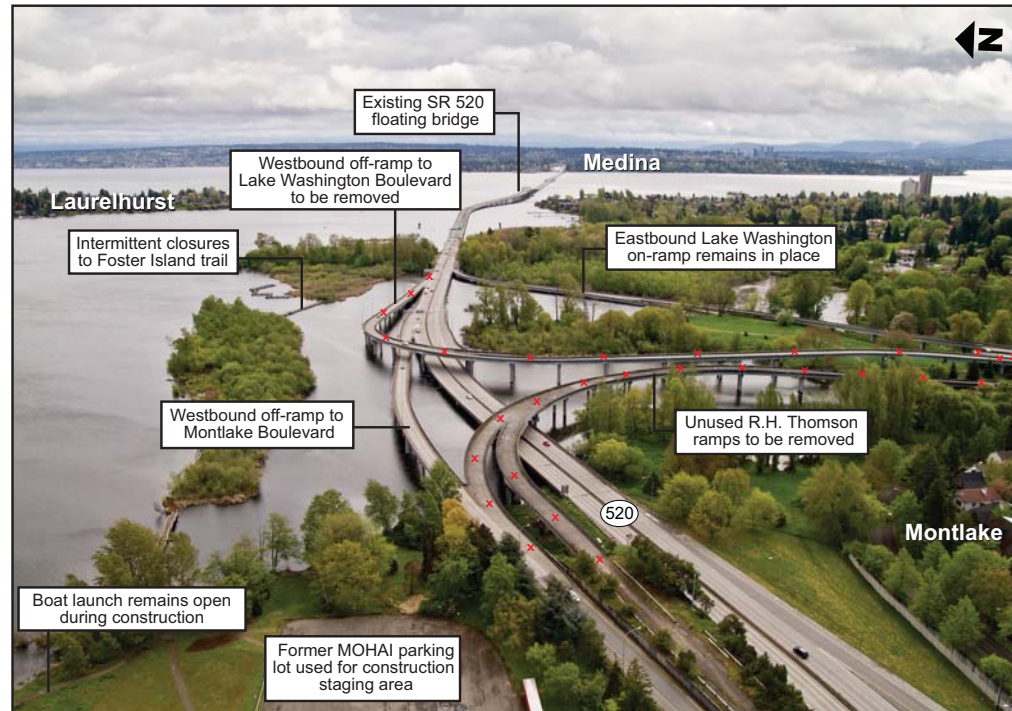


Cover page of the 2013 SR 520 Tree and Vegetation Management and Protection Plan.

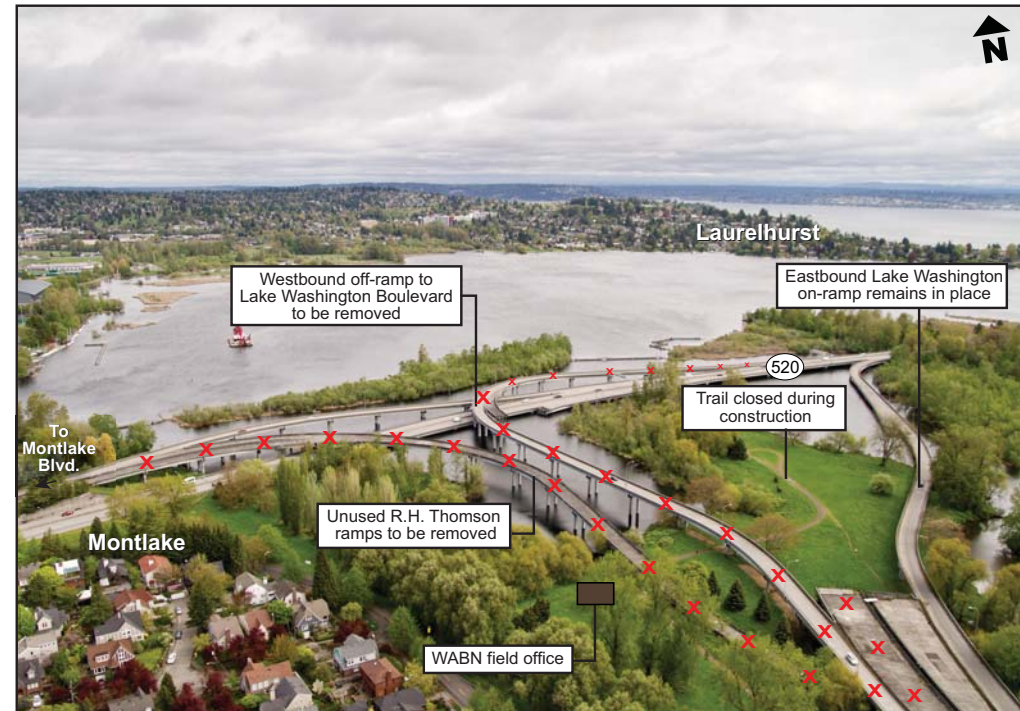


Recent public notification explaining upcoming tree removal plans in the project construction area.

## Views of SR 520 ramps in the Arboretum area before removal



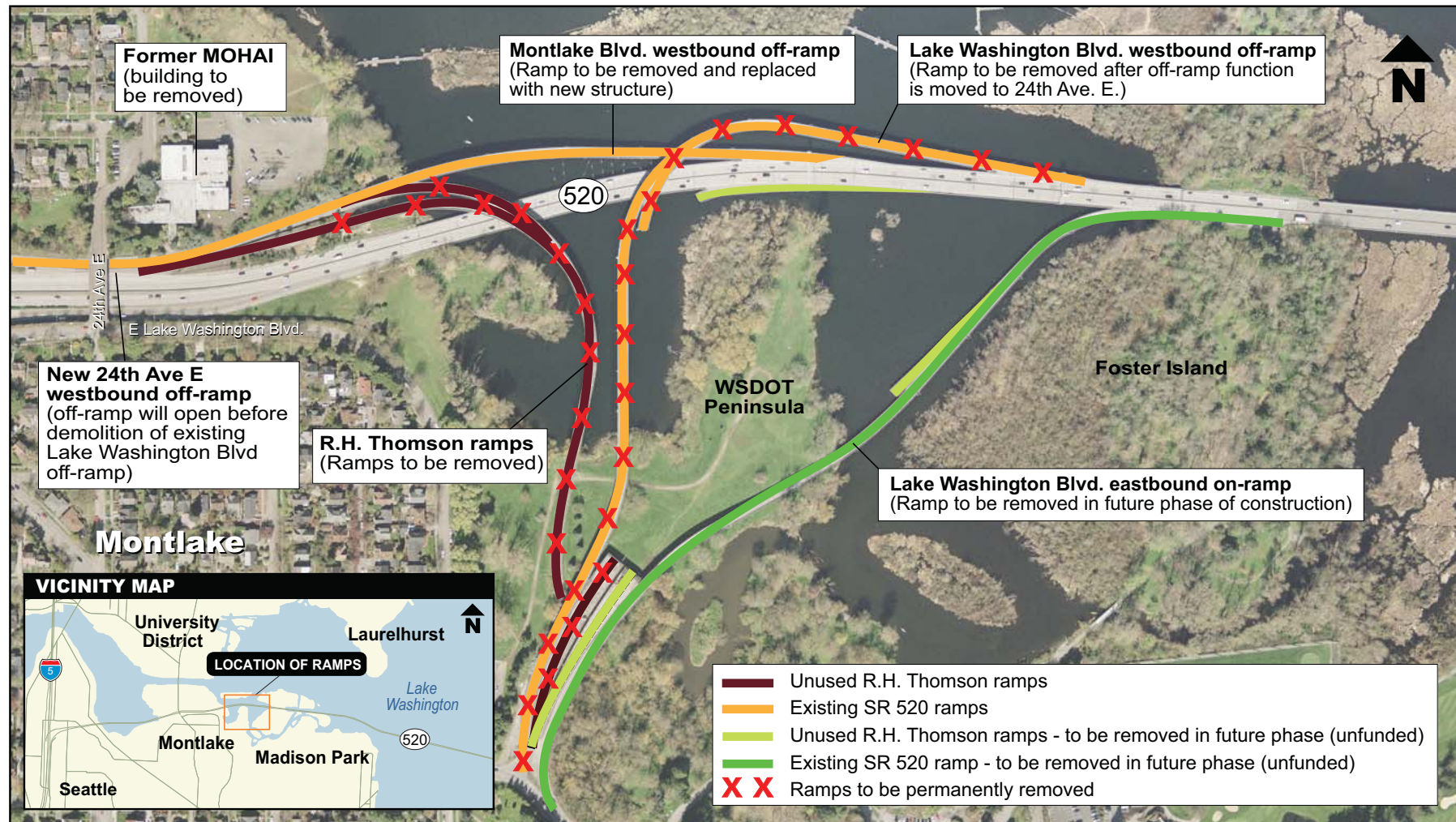
View of SR 520, looking east



View of SR 520, looking northeast



## Ramp removal during West Approach Bridge North Project



## Meet the contractor

### About Flatiron

- WSDOT awarded a contract to Flatiron West, Inc. to build the West Approach Bridge North Project in July 2014.
- Flatiron submitted the low bid of \$199.5 million, which was below the engineer's estimate.
- Flatiron builds heavy civil infrastructure for the transportation, energy and water sectors.
- Flatiron is committed to being a good neighbor by using construction best management practices.



### Employment and subcontracting information

For employment and subcontracting opportunities, contact Flatiron at:

**Washington District**

18702 North Creek Parkway, Suite 202  
Bothell, WA 98011  
425-420-9900





# Give 'em a Brake!

Nearly 1,000 people, on average, are injured every year in highway construction zones in Washington state. Since 1950, 57 WSDOT workers have been killed in construction zones. However, more than 90 percent of those hurt or killed in highway work zones are drivers or their passengers. So please, when you see "Road Work Ahead" signs, traffic cones, barrels, barriers, pavement markings and work trucks, give highway workers – and yourself – a brake.

## Work Zone Safety Driving Tips

- Slow down, pay attention, and stay calm
- Eliminate distractions, including cell phones and car stereos
- Merge as soon as possible
- Don't tailgate
- Try an alternate route
- Observe the posted signs until you see the one that says "END ROAD WORK"

## Know before you go

- Expect delays, plan for them and leave early to reach your destination on time



## Construction best management practices

All work will adhere to WSDOT, federal, state and local regulatory requirements. WSDOT's contractor will employ best management practices throughout construction to minimize impacts on the community and the environment from the following construction effects:

- Noise
- Vibration
- Traffic and transportation
- Water/soil contamination
- Trees/vegetation removal
- Air quality/dust
- Lighting / glare / aesthetics

Types of best management practices include:

- Providing advance notice of noisy work and comply with city of Seattle noise permits
- Using noise shields on generators, compressors, jackhammers, and other loud equipment
- Conducting pre-construction inspections of front-line properties
- Marking protected trees with high-visibility fencing
- Installing tire washes to prevent tracking of dirt and gravel on local streets
- Keeping spill-response kits and containment booms on all barges and marine vessels
- Using directional lights and light shielding
- Applying water to dust-generating work areas and activities
- Following no idling policy for construction vehicles





# How to stay informed throughout West Approach Bridge North Project construction

Stay up-to-date on the latest WABN construction information by using the following tools:

## Online

**Visit the SR 520 Orange Page website:**

[www.wsdot.wa.gov/Projects/SR520Bridge/520orangepage/](http://www.wsdot.wa.gov/Projects/SR520Bridge/520orangepage/)

**Email project staff:**

[SR520Bridge@wsdot.wa.gov](mailto:SR520Bridge@wsdot.wa.gov)

**Follow us on Twitter:**

@WSDOT\_520

**Visit the WABN Project website:**

[www.wsdot.wa.gov/Projects/SR520Bridge/WABN](http://www.wsdot.wa.gov/Projects/SR520Bridge/WABN)



## Phone

**Call the SR 520 24-hour construction hotline:**

206-708-4657



## Public meetings

**Attend monthly meetings with the contractor**

**Where: Graham Visitors Center**

2300 Arboretum Drive E  
Seattle, WA 98112

**When:** The first Wednesday of every month, 5:30 - 6:30 p.m.

- December 3 \*
- January 7
- February 4
- March 4
- April 1



*\* The December monthly meeting will be held at Montlake Community Center*

## Email updates

**Sign up:**

[public.govdelivery.com/accounts/WADOT/subscriber/new](http://public.govdelivery.com/accounts/WADOT/subscriber/new)

